

WTP Interim Compliance Schedule Appendix 1.0

Interim Compliance Schedule- WTP Facility		
	Compliance Schedule Submittal	Interim Compliance Date
	III.10.C.2	
1.	Submit documentation stating the WTP has been constructed in compliance with the Permit.	11/30/07
2.	Submit updated Site Transportation Report for incorporation into the Administrative Record.	12/31/03
	III.10.C.3	
3.	Revise and Submit Waste Analysis Plan and associated Quality Assurance Project Plan to Ecology for review and approval	08/12/05
	III.10.C.5.	
4.	Update and submit for approval "Procedures to Prevent Hazards", Chapter 6.0 Sections 6.3, 6.4, 6.5 and the Inspection Schedule.	08/01/06
	III.10.C.6	
5.	Update and submit the Contingency Plan	08/01/06
	III.10.C.7	
6.	Update and resubmit for review and approval Training Program description in Chapter 8 of the Permit.	08/01/06
7.	Submit under separate cover the actual WTP Dangerous Waste Training Plan for incorporation into Administrative Record.	08/01/06
	III.10.C.8	
8.	Update and resubmit the Closure Plan for approval	08/01/06
	III.10.C.11	
9.	Submit Risk Assessment Workplan, revised in consultation with Ecology.	02/03/03
	CONTAINERS	
10.	Submit detailed information associated with containers and container management areas	10/01/04
11.	Submit descriptions of container management practices	08/01/06
12.	Submit engineering information for each secondary containment and leak detection system for the WTP Tank System to be included in the permit	11/03/03
13.	Submit engineering information for each dangerous waste tank and primary sump to be	05/01/04

Interim Compliance Schedule- WTP Facility		
	Compliance Schedule Submittal	Interim Compliance Date
	included in the permit	
14.	Submit engineering information for each tank system ancillary equipment to be included in the permit	05/01/04
15.	Submit descriptions of tank management practices	08/01/06
	CONTAINMENT BUILDINGS	
16.	Submit engineering information for each containment building to be included in the permit	02/01/04
17.	Submit descriptions of containment building management practices	08/01/06
	PRETREATMENT PLANT MISC. UNITS SYSTEMS	
18.	Submit engineering information for secondary containment and leak detection system for the Pretreatment Plant Miscellaneous Unit Systems	09/16/03
19.	Submit engineering information for Pretreatment Plant Miscellaneous Unit Systems	10/01/04
20.	Submit engineering information for Pretreatment Plant Miscellaneous Unit Systems equipment	10/01/04
21.	Submit descriptions of management practices for the Pretreatment Miscellaneous Treatment System	07/01/07
	LAW SHORT TERM MELTER UNIT	
22.	Submit engineering information for LAW Vitrification Miscellaneous Treatment Unit secondary containment	03/01/04
23.	Submit engineering information for LAW Vitrification Miscellaneous Treatment Unit sub-system	05/01/04
24.	Submit engineering information for equipment for each LAW Vitrification Miscellaneous Treatment Unit sub-system	05/01/04
25.	Submit descriptions of management practices for the LAW Vitrification Miscellaneous Treatment System	08/01/06
26.	Submit LAW Vitrification Environmental Performance Demonstration Test Plan for Ecology review and approval	08/01/06
	HLW SHORT TERM MELTER UNIT	
27.	Submit engineering information for HLW Vitrification Miscellaneous Treatment Unit secondary containment	03/01/03

Interim Compliance Schedule- WTP Facility		
	Compliance Schedule Submittal	Interim Compliance Date
28.	Submit engineering information for HLW Vitrification Miscellaneous Treatment Unit sub-system	08/01/03
29.	Submit engineering information for equipment for each HLW Vitrification Miscellaneous Treatment Unit sub-system	08/01/03
30.	Submit descriptions of management practices for the HLW Vitrification Miscellaneous Treatment System	01/02/07
31.	Submit HLW Vitrification Environmental Performance Demonstration Test Plan for Ecology review and approval	01/02/07
32.	Final Compliance Date	12/31/07

Attachment 51 – Appendix 2.0

Critical Systems for the WTP

Any procedure, method, data, or information contained in this document that relates solely to radionuclides or to the radioactive source, byproduct material, and/or special nuclear components of mixed waste (as defined by the Atomic Energy Act of 1954, as amended) is not provided for the purpose of regulating the radiation hazards of such components under the authority of this permit and Chapter 70.105 RCW.

Mnemonic System Locator	System Name
Pretreatment Systems	
PFH	Pretreatment Filter Cave Handling System
PJV	Pulse Jet Ventilation System
FRP	Waste Feed Receipt Process System
FEP	Waste Feed Evaporation Process System
TLP	Treated LAW Evaporation Process System
TCP	Treated LAW Concentrate Storage Process System
HLP	HLW Lag Storage and Feed Blending Process System
UFP	Ultrafiltration Process System
CXP	Cesium Ion Exchange Process System
CNP	Cesium Nitric Acid Recovery Process System
TXP	Technetium Ion Exchange Process System
TEP	Technetium Eluant Recovery Process System
RDP	Spent Resin Collection and Dewatering Process System
PIH	Pretreatment In-Cell Handling System
RWH	Radioactive Solid Waste Handling System
RLD	Radioactive Liquid Waste Disposal System
PVP	Pretreatment Vessel Vent Process System
PWD	Plant Wash and Disposal System
PVV	Process Vessel Vent System
Low-Activity Waste Systems	
RWH	Radioactive Solid Waste Handling System
RLD	Radioactive Liquid Waste Disposal System
LCP	LAW Concentrate Receipt Process System
LFP	LAW Melter Feed Process System
LMP	LAW Melter Process System
LOP	LAW Primary Offgas Process System
LVP	LAW Secondary Offgas/Vessel Vent Process System

LSH	LAW Melter Equipment Support Handling System
LPH	LAW Container Pour Handling System
LFH	LAW Container Finishing Handling System
High-Level Waste Systems	
PJV	Pulse-Jet Ventilation System
HCP	HLW Cave Receipt Process System
HFP	HLW Melter Feed Process System
HMP	HLW Melter Process System
HOP	Melter Offgas Treatment Process System
HSH	HLW Melter Cave Support Handling System
HFH	HLW Filter Cave Handling System
HPH	HLW Canister Pour Handling System
HDH	HLW Canister Decontamination Handling System
HMH	HLW Melter Handling System
RWH	Radioactive Solid Waste Handling System
RLD	Radioactive Liquid Waste Disposal System
Balance of Facilities Systems	
RWH	Radioactive Solid Waste Handling System
RLD	Radioactive Liquid Waste Disposal System

Attachment 51 – Appendix 3.0

Drawing Categories

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FACILITY (Civil, Structural, & Architectural)

Detail Drawings
Finish Schedules
Floor Plans, Elevations
Penetration Seals
Circulating Water
Civil Drawings
Concrete Drawings
Embed & Penetration
Liner Plate
Site Plan Civil
Yard/Underground Piping

SYSTEM (Controls)

Computer I/O
Vendor Documents

FACILITY (Controls)

Instrument Location

SYSTEM (Electrical)

Cathodic Protection
Single Line
Diesel Generator Load List

FACILITY (Electrical)

None

SYSTEM (Mechanical)

Equipment List
Flow Diagrams
Energy Balances
Piping & Instrumentation Diagrams
Mechanical Systems Assemblies
Heavy Load Path Drawings

FACILITY (HVAC)

Ventilation & Instrumentation Diagrams
Performance/Installation Specifications
System Description
Vendor Drawings

FACILITY (Plant Design)

Equipment Location
General Arrangement/Plot Plan
Piping Isometrics
Piping Orthographics
Piping Supports (Incl. Steel)
Plumbing and Drains
Pipe Specifications
Piping Class Sheets

SYSTEM (Fire Protection)

Fire Barrier/Zone Drawings
Fire Protection General Layout
Fire Alarm General Layout

SYSTEM (Process)

Hydrotest Diagrams
Line Designation Tables
Material Balance
Process Equipment Datasheets
Process Flow Diagrams
Utility Flow Diagram

FACILITY (Mechanical Handling)

Mechanical Flow Drawings
Mechanical Sequence Diagram
Design Proposal Drawing
Equipment General Arrangement
Equipment Detail Drawings

Attachment 51 – Appendix 4.0
Piping Material Index Table

Any procedure, method, data, or information contained in this document that relates solely to radionuclides or to the radioactive source, byproduct material, and/or special nuclear components of mixed waste (as defined by the Atomic Energy Act of 1954, as amended) is not provided for the purpose of regulating the radiation hazards of such components under the authority of this permit and Chapter 70.105 RCW.

(RESERVED)

Attachment 51 – Appendix 5.0
**Legends for Process Flow Diagrams and Piping and
Instrumentation Diagrams**

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(RESERVED)

Attachment 51 – Appendix 6.0
Risk Assessment

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Attachment 51 – Appendix 7.0
(RESERVED)

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